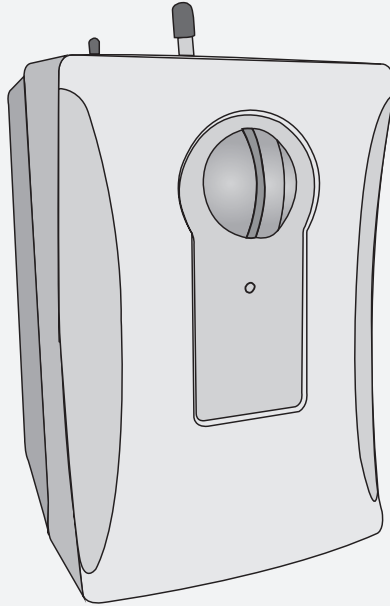


Water Filters Aust Owners Manual



**INSTANT HOT + AMBIENT
FILTERED DISPENSING UNIT**

MODEL: K-WFADU0GN

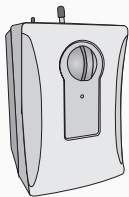
Water
Filters
AUSTRALIA



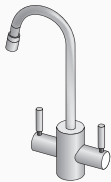
WFA recommends that a qualified tradesperson installs your WFA DUO system.

COMPONENT CHECKLIST

MAIN COMPONENTS



Boiling Tank



Dual Faucet
(with safety lock)



Push Lock Fitting



Locking Clips x 2

DISPENSER FITTING KIT



Rubber Washer



Metal Washer



Locking Nut



Boiler Hose Clamp

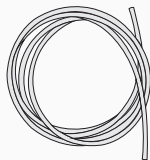


Chrome Base Plate
with O-Ring



Threaded Locking Bolt

INSTALLATION KIT



1/4" food grade nylon tubing

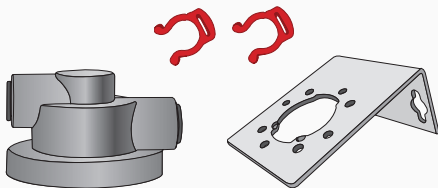


Pressure Limiting Dual
Check Valve 350kPa



Push Lock fitting 1/4" mbsp x 1/4"
tube connect & locking clip

FILTER KIT



Filter Head Assembly with mounting
bracket & 2 locking clips



Filter Cartridge

IMPORTANT INFORMATION

PLEASE READ ALL INSTRUCTIONS CAREFULLY

WARNING SAFETY

- For continued safety of the WFA Duo, the unit must be installed, operated & maintained in accordance with the manufacturer's instructions.
- The WFA Duo must be installed in accordance with AS/NZS 3500.4.

DANGER ELECTRIC SHOCK HAZARD

- To prevent electric shock, do not place cord, plugs or appliance in water or other liquid.
- Do not operate any appliance with a damaged cord, plug, or after the appliance malfunctions.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Do not attempt to service this product. Repairs should be done by authorized service personnel.
- Do not use outdoors or in damp areas.

WARNING FIRE HAZARD

- When installing the appliance, allow a minimum airspace of 100mm around the front, sides, and top of the boiler tank for air circulation.

WARNING PERSONAL INJURY

- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- This appliance is intended for use in household and similar applications, such as light commercial (up to 8 staff), the hospitality industry, and related residential type environments.

Specifications:

Voltage:	240V
Element:	50Hz 1250W
Tank Capacity:	2.4 L
Minimum Inlet Water Pressure:	240 kPa
Maximum Inlet Water Pressure:	350 kPa (Pressure Limiting Valve supplied)
Australian Safety Approval:	Certificate No: ASA-142012-EA
Watermark Certified:	Lic No: WM-022455



ASA-142012-EA



AS3498
Lic. WM-022455
IAPMO R&T OCEANA

INSTALLATION PRE-REQUIREMENTS

POWER SUPPLY

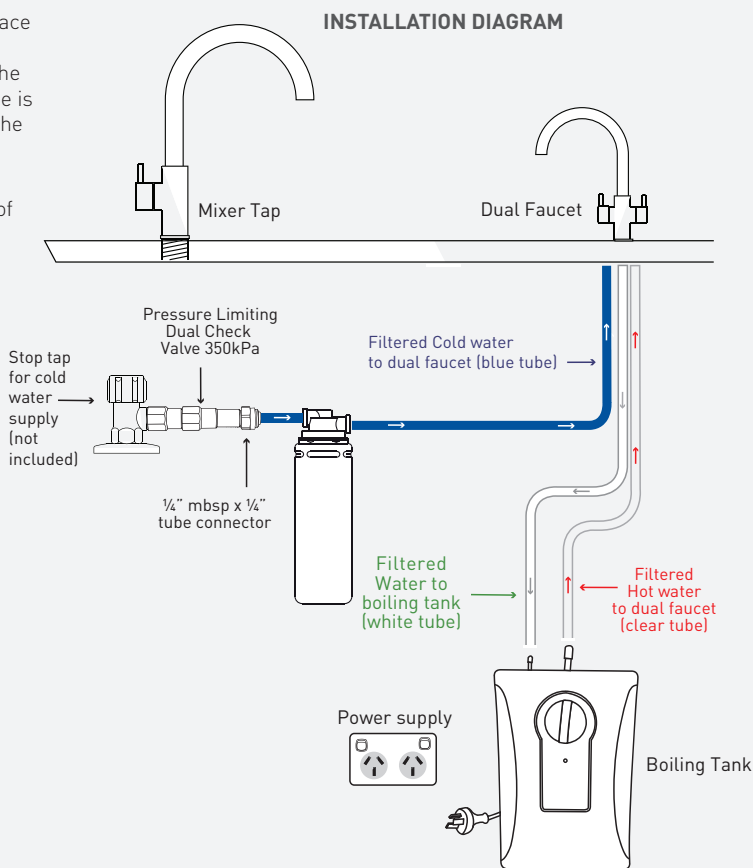
- A standard 10amp 3pin power outlet conveniently placed within 1m of the intended location of the boiler tank. This must be installed by a qualified electrician.

WATER SUPPLY

- A standard cold water supply fitted with a 15mm stop tap situated within easy access of the intended location of the boiler tank. This must be installed by a qualified plumber and in accordance with local & state laws.
- A 350 kPa pressure limiting valve is supplied and must be installed.
- Water supply must be microbiologically safe.

TYPICAL INSTALLATION

- Allow a minimum air space of 100mm around the front, sides, and top of the boiler tank. No clearance is required at the back of the boiler tank.
- The boiler tank must be situated within 600mm of the dual faucet.

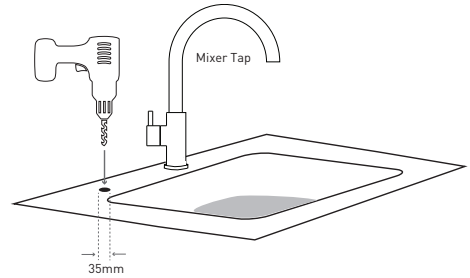


INSTALLATION

STEP 1

DRILL 35MM HOLE FOR DUAL FAUCET

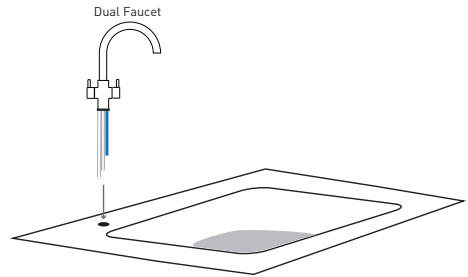
- You will need to drill a 35mm diameter hole in the bench top or sink where you would like to place the dual faucet.
- The dual faucet must be within 600mm of the proposed location of the WFA Duo under bench tank, and filter system (if included).



STEP 2

INSTALLING THE DUAL FAUCET

- Insert all tubing through the 35mm hole as illustrated, and lower the faucet into position.
- Take care not to damage or kink the tubing as it passes through the 35mm hole.
- Do not pull on the tubing.



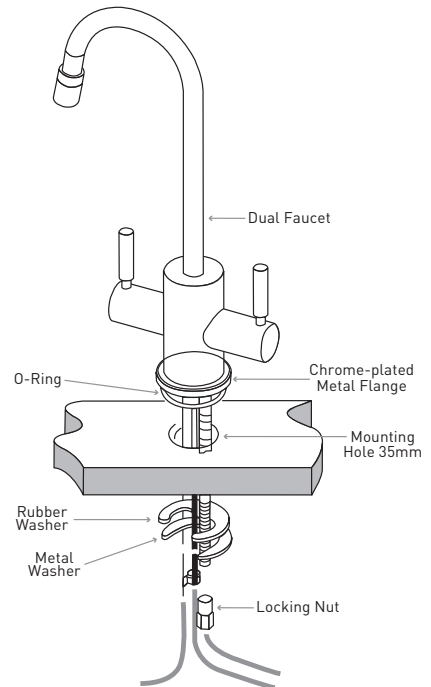
STEP 3

INSTALLING THE DUAL FAUCET

- Secure the dual faucet into position as shown in diagram.

Important Notice of Routine Maintenance and Care

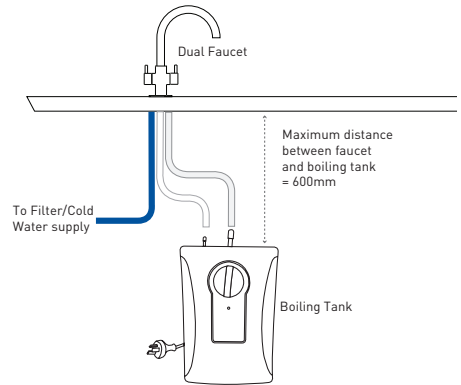
- Do not keep rotating the spout
- Occasional cleaning of the aerator is recommended. Use of soapy water and a soft sponge or cloth is recommended.
- Avoid cleaning with chemicals, solvents or harsh detergents (this may seriously harm surface area)
- If used with hard water or water with very high mineral content, it is absolutely necessary to clean and dry faucet immediately after every use. [Calcium and other minerals could seriously damage surface area].



STEP 4

INSTALL THE BOILING TANK

- The boiling tank must be installed below the dual faucet
- The boiling tank must be mounted vertically.
- The boiler tank is designed to sit on the sink cabinet floor. However there are “keyhole” cut-outs provided in the back of the unit to allow for wall mounting if required.
- The boiler tank must be located within 600mm of the dual faucet.

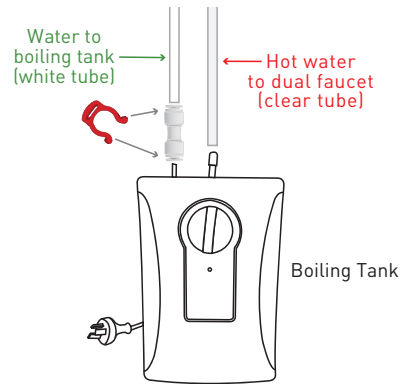


STEP 5

FAUCET / BOILING TANK CONNECTION

WATER SUPPLY TO BOILER – (white tube)

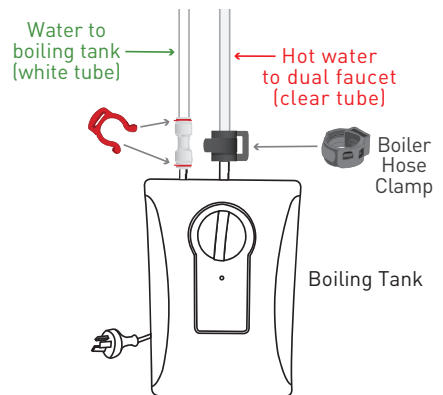
- The end of the white tube must be cut clean and square.
- Remove red locking clips from the white push-lock fitting before connecting to the boiling unit and tube.
- Firmly connect white push lock fitting to boiling unit, pull back to ensure it is locked and refit red locking clip.
- Firmly insert the white tube into the push-lock fitting, pull back to ensure it is locked into position, and refit the locking clip.



STEP 6

HOT WATER FROM BOILER (CLEAR SILICONE TUBE)

- Connect the clear silicon tube to the central outlet located in the top of the boiling tank.
- Secure the large silicon tube with the hose clamp supplied.



WARNING

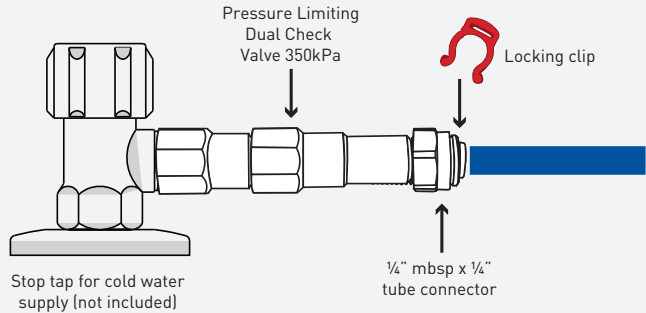
- Be sure the hoses are not kinked or twisted.
- Tubes must be cut to a convenient length to avoid sagging but must not be stretched taut.

STEP 7

CONNECT TO WATER SUPPLY

The Installation Diagram shows an overview of the water supply connection including the Pressure Limiting Valve.

- The 350kPa pressure limiting dual check valve (PLVDC) must be connected to the stop tap as shown. Use plumbing tape to create seal.
- Use plumbing tape to connect the $\frac{1}{4}$ " mbsp to $\frac{1}{4}$ " tube pushfit connector to the PLVDC



STEP 8

CONNECT DUAL FAUCET TO WATER SUPPLY (IF FILTER SYSTEM NOT INCLUDED)

- Take blue tube from Dual Faucet and insert into the tube connector at the end of the PLVDC as shown in Step 7.
- Pull back on the tube to ensure tube is locked into position.
- Connect red locking clip where shown in Step 7.
- Tubing must not be kinked or twisted.
- Tubing should be cut to a convenient length but should not be stretched taut.
- Ensure all fittings and tube connections are protected against damage from objects stored in the cupboard.

STEP 9

INSTALL FILTER SYSTEM (IF INCLUDED) REFER INSTALLATION DIAGRAM

- The filter system should be installed in a convenient location. Please allow 40mm clearance underneath the filter to facilitate filter replacement.
- Locate the head assembly and affix to kitchen cupboard with screws and bracket supplied.
- The head assembly has 'pushfit' fittings on the inlet and outlet. Remove the red locking clips.
- Take the length of blue tubing supplied and cut to size to connect from the outlet of the filter head to the PLVDC. Make sure tube is cut square and clean with a Stanley knife or similar.
- Take blue tubing from the dual faucet and insert in the outlet (right hand side of filter head) of filter head assembly. Push tubing in and then pull back to ensure a tight seal. Reconnect locking clip.
- Water flow must be in the direction indicated by the arrow on the top of the filter head.
- Insert filter cartridge into filter head - twist cartridge a quarter turn anti clockwise until cartridge locks firmly into filter head.

STEP 10

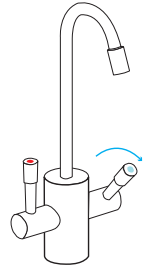
COMMISSIONING AND TESTING

- Open cold tap on dual faucet



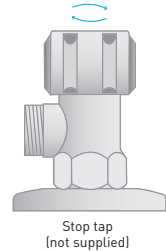
WARNING

DO NOT CONNECT TO POWER SUPPLY AT THIS TIME



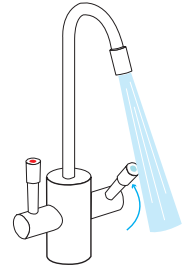
STEP 11

- Turn on water supply



STEP 12

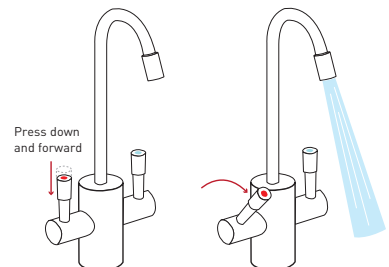
- Allow water to flow consistently and evenly from the dual faucet for 1–2 minutes before turning off the cold water tap.
- Check all fittings and tube connections for water leakage.
- If any leaks are noted ensure they are repaired before moving onto the next step.



STEP 13

FILLING THE BOILING TANK

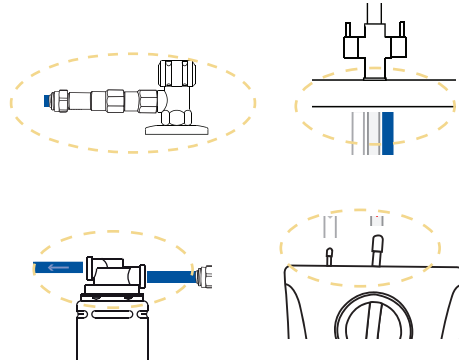
- Turn the dual faucet hot tap on (Press top of lever down to release safety lock as shown - then forward).
- The tank will begin to fill. There may be a delay of 1 – 2 minutes before water starts to flow from the faucet.
- Allow water to flow consistently and evenly from the dual faucet for 2 minutes before turning off the dual faucet hot water tap.



STEP 14

CHECK FOR LEAKS

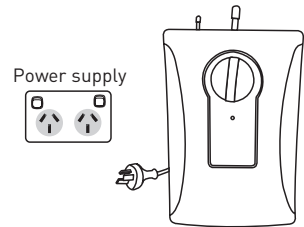
- Check all fittings and tube connections to and from the boiling tank for water leakage.
- If any leaks are noted ensure they are repaired before moving onto the next step.



STEP 15

CONNECT TO POWER SUPPLY

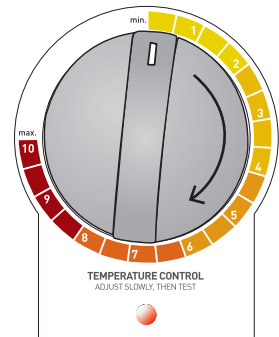
- Plug power lead into power supply and switch on



STEP 16

SETTING THE HOT WATER TEMPERATURE

- Turn thermostat dial clockwise to the "MAX" position as shown.
- The Status light should glow red, indicating that the boiler is heating up.



WARNING

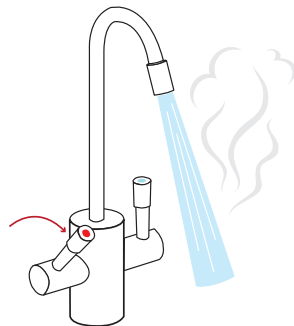
DO NOT LEAVE BOILER UNIT UNATTENDED DURING THIS INITIAL HEATING STAGE.

STEP 17

- Once the boiler has reached boiling point steam and hot water will begin venting out of the dual faucet.

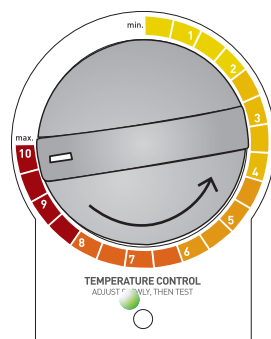


SCALDING DANGER



STEP 18

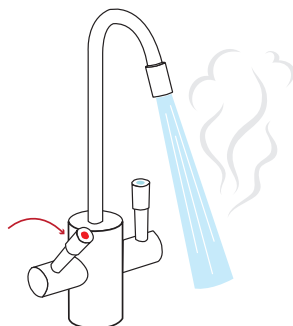
- Slowly turn the thermostat dial anti clock-wise until the status light changes to green. This indicates that the boiler has stopped heating and the hot water has reached the set temperature.



STEP 19

TEST THERMOSTAT SETTING.

- Run the dual faucet hot tap for 1 minute then allow boiler to re-heat to test the thermostat setting.
- If steam and water start to vent from the dual faucet adjust the thermostat dial back slightly to lower the set temperature, and repeat this test sequence to confirm correct setting.



**Your WFA Hot+Ambient Dispenser is
now ready for use.**

TROUBLESHOOTING

WATER IS NOT HOT

(assuming cold water supply is connected properly and valve is open)

- Check that the power supply is live.
- Check if the boiling tank is plugged into the power supply and turned on.
- Turn thermostat control dial fully clockwise. This may produce boiling water in approximately 15 minutes and possibly be accompanied by a gurgling sound in the tank and/or water "sputtering" from the dual faucet.
- The self re-setting thermal fuse may have tripped. Turn thermostat dial to the "MIN" position, unplug boiling tank from power supply and allow 1/2 hour to cool before repeating procedures outlined in Steps 15 onwards.

HOT WATER IS SPURTING OUT OF THE DUAL FAUCET.

- Check all tube connections are correct.
- Repeat hot water temperature setting procedure as outlined in Step 18.
- Check that the hose connecting the dual faucet to the boiling tank is not clogged, twisted or kinked.

WATER FLOW DOES NOT START STRAIGHT AWAY

- A delay of 3 or 5 seconds is normal especially if your WFA Duo has not been used in the last hour or so. This is due to the efficient operation of the "expansion tank" within the boiling unit which protects against the risk of hot water dripping from the dispenser.
- Make sure all valves on water supply are open.
- Check the tubes from the dispenser for twisting or kinks.

STEAM APPEARS FROM THE DISPENSER SPOUT.

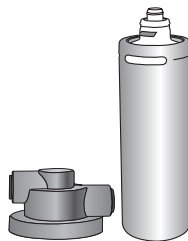
- Lower temperature setting by turning thermostat dial slightly counter clockwise.

Note: If lowering the thermostat setting does not stop the boiling, unplug the power supply cord and contact Water Filters Australia on 1300 785 355.

FILTER SYSTEM

WFA Premium Water Filter System

Model No: WFA12



IMPORTANT NOTICE:

Read this performance data sheet and compare the capabilities of this unit with your actual water treatment needs.

FEATURES:

- Finely polishes treated water to premium quality for drinking and cooking.
- Reduces chlorine, taste and odour.
- Reduces dirt, rust, asbestos fibres and other particulates such as oxidized iron, manganese and sulphides.
- Reduces parasitic protozoan cysts such as Giardia, Entamoeba and Cryptosporidium.
- Absorbs common earthy, mouldy, fishy tastes and odours.

HEALTH CLAIM PERFORMANCE CLASSIFIED BY NSF.

This system has been tested according to NSF/ANSI 42 and 53 for the reduction of the substances listed below.

The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42 and 53.

OPERATING SPECIFICATIONS:

- Capacity: 2,875 litres
- Pressure Requirement: 10-125 psi (0.7 - 8.6 bar), non-shock.
- Temperature: 2-38°C
- Flow Rate: 1.9 litres per minute.

GENERAL INSTALLATION / OPERATION/ MAINTENANCE REQUIREMENTS:

- Space required: 34cm x 13cm including 6cm of clear space for cartridge change.
- Install vertically
- Flush new cartridge at full flow for 2 minutes until air is purged.

- Replace cartridges when capacity is reached, or when flow becomes too slow, but at least annually.


SPECIAL NOTICES:

- This drinking water system must be maintained according to manufacturer's instructions, including replacement of filter cartridges.
- Do not use with water that is microbiologically unsafe, or of unknown quality without adequate disinfection before or after the system.
- The contaminants or other substances removed or reduced by the water treatment system are not necessarily in your water.
- Check for compliance with state and local laws and regulations.
- Tested under sustained standard laboratory conditions, actual performance may vary.

PERFORMANCE DATA SHEET

Substance	Influent Challenge Concentration	Max. Permissible Product Water Concentration	Reduction Requirements	Minimum Reduction	Average Requirements
Standard 42 Aesthetic Effects					
Chlorine	2.0mg/L±10%	5ppm	≥50%	-	98%
Particulate	at least 10,000	-	≥85%	-	99.8%
Class 1 particles 0.5 to<1um	particles/mL				
Standard 53 Health Effects					
Cyst	Minimum 50,000/L	-	99.95%	99.99%	99.99%
Turbidity	11±1NTU*	0.5NTU1	-	98%	99%

*Tested using flow rate=0.5gpm; pressure=60 psig; pH=7.5 ± 0.5; temp=20°C ±2.5°C †NTU=Nephelometric Turbidity Units



AS3497
Lic.WM-022045
IAPMO R&T OCEANA

This appliance meets the domestic water treatment appliance Standards AS/NZS3497 for the following water treatment processes:


CLASS	TREATMENT TYPE	FUNCTION	PASS
I.	Microbiological Status Bacteriostatic	Will stop bacteria increasing but will not stop them unless IIa is passed.	N/A
II. II (a)	Microbiological Treatment Bacteria Removal	Will remove or inactivate bacteria.	N/A
II (b)	Virus Removal	Will remove or inactivate virus.	N/A
II (c)	Protozoa Removal	Will remove or inactivate Cryptosporidium and Giardia.Will not remove or inactivate bacteria and virus unless II(a) and II(b) is passed.	✓
III.	Turbidity and Particulate Reduction	Reduces Cloudiness	✓
IV.	Taste and Odour Reduction	Reduces Tastes and Odours	✓
V.	Chemical Treatment	Decreases Chlorine	✓

WARNING: FOR CORRECT OPERATION OF THIS APPLIANCE IT IS ESSENTIAL TO OBSERVE THE MANUFACTURER’S INSTRUCTIONS.

System tested and Classified against NSF/ANSI Standards 42 and 53 for the reduction of:

Std. No 42 - Aesthetic Effects; Chemical Reduction, Chlorine, Taste & Odour, Mechanical Filtration, Nominal Particulate Class I

Std. No 53 - Health Effects; Chemical Reduction, Lead, Mechanical Filtration, Cyst, Turbidity



WATER QUALITY
WATER FILTER
ANSI/NSF
STANDARDS 42 and 53

WARRANTY

The unit must only be used for a potable water source and with cold water (with a temperature range between 2 and 38°C).

Water Filters Australia Pty Ltd (WFA) warrants to you, the first person who has purchased and used the unit ("you") that this unit is free from defects due to faulty material and workmanship in accordance with the conditions set out in this document. This warranty is provided to you in addition to your rights at law, including but not limited to your rights under the Trade Practices Act 1074 (Cth) and applicable legislation in your Australian State or Territory.

WHAT THIS WARRANTY COVERS:

This warranty covers defects due to faulty material and workmanship of the unit supplied to you:

- For a period of 1 year from the date of purchase in respect of the entire unit, excluding the Replaceable Elements. The Replaceable Elements are consumable components and all parts of the unit which can be replaced including but not limited to the filter or water treatment cartridge if there is a defect in the filter or cartridge. This does not include the replacement of the filter or cartridge to extend the life of the filter or cartridge. The life of the filter cartridge is affected by water quality, usage and water pressure. The warranty only extends to the original purchaser of the unit.

WHAT THIS WARRANTY DOES NOT COVER:

This warranty does not cover the unit or a Replaceable Element of the unit where:

- The defect, fault or failure is attributable, or substantially attributable to misuse, abuse, accident, misapplication, neglect, freezing, oxidizing agents (including but not limited to chlorine, ozone, chloramines and other related components) or act of God;
- The unit has been in conditions which do not conform to the recommended design guidelines or has been operated in a manner which is contrary to WFA's printed instructions;
- The unit has not been installed in accordance with WFA's printed instructions and has not been installed in compliance with all applicable laws, regulations and industry standards;
- The unit has not been used in accordance with the manufacturer's instructions;
- The unit does not meet the conditions for use described in the Owners Manual or Performance Data Sheet for this unit
- You use accessories or components which do not meet WFA's specifications as set out in the Owners Manual;
- The defect, fault or failure is due to normal wear and tear;
- The defect, fault or failure has occurred where the unit has been used reasonably or has reached its serviceable life;
- The serial or model number label of the unit is removed or defaced;
- The unit is serviced, modified, altered or repaired by an unauthorized or unqualified person.

HOW TO MAKE A CLAIM UNDER THIS WARRANTY:

To make a claim under this warranty you must contact WFA within 21 days of the defect, fault or failure occurring. WFA Warranty Contact number is 1300 785 355. At the time of repair or replacement under your warranty claim you must provide to WFA:

- Proof that you purchased the unit from an authorized retailer or dealer within the warranty time; and
- A copy of a certificate which certifies that the unit was installed in compliance with our printed installation instructions and all applicable laws, regulations and industry standards. WFA will only pay for repair or replacement upon receipt of proof of your purchase showing the date of purchase.

WARRANTY

CONTINUED

Limitation of Liability of WFA under this

warranty: Where a warranty exists or is implied by law, WFA's liability is limited (to the extent that it can be limited) to repair or replacement of the faulty Replaceable Element or the unit or an equivalent unit. WFA may, in its discretion, choose whether it shall repair or replace any unit or Replaceable Element or WFA may choose to pay to you the cost of replacing the Replaceable Element or the unit or the cost of having the unit repaired. To the extent permitted by law, WFA assumes no liability whatsoever and disclaims all liability for direct, indirect or consequential loss, or special, general or other damage or expense caused by or arising out of:

- Any failure to install or use the unit in accordance with the Manufacturers Instructions, the Installation and Owners Manual or WFA's printed instructions; or
- The purpose for which you are purchasing the unit.

You acknowledge that the quality of water supplied and your water usage rate and influent water pressure may vary seasonally or over a period of time.

In addition to this water characteristics can differ if the unit is relocated or the environment changes.

You acknowledge that WFA does not know your requirements and cannot and does not warrant that the unit is fit for the purpose for which you intend to use the unit or is appropriate for the purpose for which you intend to use the unit. WFA does not authorize others to assume any obligation on its behalf even if you inform them of the purpose for which you intend to use this unit.

WARNING

WFA does not recommend making alterations to your existing plumbing to accommodate this system. If you wish to modify existing plumbing you must comply with AS 3500 and use a licensed plumber.



Distributed by **Water Filters Australia Pty Limited** ABN: 78 089 574 489

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PO Box 636 Freshwater NSW 2096

Phone: 61 2 9905 6211

Fax: 61 2 9905 6255

Email: info@wfa.com.au

Web: www.wfa.com.au

For all enquiries call the National Customer Service Centre on: **1300 785 355**